

## TRANSPET® GPLHL-F

### DESCRIPTION:

TRANSPET® GPLHL-F is an untreated slightly rough-surfaced and hazy polyester with a high resistance to neck down and creasing caused by high temperature and high tension coating operations.

(Also available in 60, and 118 gauges)

### FDA STATUS:

Manufactured with materials compliant with FDA regulations.

### TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
		48	75	92	142	
Thickness	Gauge	48	75	92	142	-
Yield	in <sup>2</sup> /lbs.	41,850	26,432	21,835	13,950	-
Coefficient of Friction	Kinetic	0.41	0.37	0.35	0.32	ASTM D1894
Coefficient of Friction	Static	0.45	0.42	0.40	0.38	ASTM D1894
Tensile Strength MD	psi	39.5	36.5	33.0	30.5	ASTM D882
Tensile Strength TD	psi	35.0	34.5	36.0	33.0	ASTM D882
Elongation at Break MD	%	115	130	155	155	ASTM D882
Elongation at Break TD	%	120	125	125	130	ASTM D882
Haze	%	2.9	3.6	3.8	4.9	ASTM D1003
TLT	%	89.7	89.6	89.5	89.2	ASTM D1003
Heat Shrinkage MD	%	3.0	2.9	2.8	2.6	190°C x 20 min
Heat Shrinkage TD	%	0.1	0.1	0.3	0.5	190°C x 20 min
Heat Shrinkage MD	%	-	-	1.3	1.1	150°C x 30 min
Heat Shrinkage TD	%	-	-	-0.3	-0.2	150°C x 30 min
Gloss	%	164.0	160.5	160.0	156.0	ASTM D 523
Water Vapor Rate	g/m <sup>2</sup> .24hr	52.4	-	-	-	ASTM F1249
Oxygen Transition Rate	cm <sup>3</sup> /m <sup>2</sup> .24hr.atm	134.2	-	-	-	ASTM D3985
Surface Tension	Dyne	45	45	45	45	ASTM D2578
Density	g/cm <sup>3</sup>	1.4	1.4	1.4	1.4	ASTM D1505

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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